



CUMMINS C33D5Q GENERATOR 33KVA SINGLE-PHASE/THREE-PHASE OPEN

Reference: C33D5Q-A

CUMMINS C33D5Q GENERATOR 33KVA SINGLE-PHASE/THREE-PHASE OPEN

The CUMMINS C33D5Q generator equipped with a Cummins X3.3-G1 diesel powered engine and is capable of delivering a maximum power of 33KVA, complete with Compound voltage regulator.

The CUMMINS C33D5Q equipped with **electric, manual or automatic start** with 12 V battery, and is; equipped with **control unit PowerStart 600** which allows you to view all the electrical parameters of the engine and generator, the functions, the status of the generating set, manage the entire group and view, if any, errors or system alarms.

PowerStart 600 is the perfect choice. a microprocessor based genset control and monitoring system. The controller provides a simple interface, auto/manual and remote start/stop control and shutdown fault indication. The integration of all control functions in a single command ensures greater reliability. and performance compared to conventional generator set control systems. This control unit is been designed and tested to meet the harsh environmental conditions in which generator sets are typically employed.

Thanks to the advanced control unit, the generator is more efficient. equipped with :

- PC based software service tool
- Inpower Modbus interface for interconnection with PLC/BMS
- Configurable inputs and outputs
- Configurable alarm inputs to cause a shutdown or warning response

The Generator is set to run. equipped with electric start and with low fuel consumption, in fact it consumes around 5 litres/hour at 75% of the load for an autonomy of up to 11 hours of operation. The generating set guarantees efficient and silent operation thanks to the Cummins X3,3-G1 engine, which allows to deliver a maximum power of 33KVA.

ATS AUTOMATIC STARTER PANEL ARRANGEMENT

The CUMMINS C33D5Q generator is designed for connection to ATS automatic starter panel. Thanks to which you will no longer have to worry about blackouts, since, in the event of a power failure from the mains, this panel is able to turn on the group and will allow you to continue your business without losing your work data.

CUMMINS C33D5Q TECHNICAL SPECIFICATIONS

Phase type: Single-phase / Three-phase
Continuous power: 30 KVA / 24 KW
Maximum power: 33 KVA / 26.4 KW
Engine: Cummins X3,3-G1
Power supply: Diesel

Engine speed: 1500 rpm
 Regulation of revolutions: Mechanical
 Alternator: Stamford S0L2-P1
 Emissions standard: Stage ZERO
 Starter: Electric / Automatic
 Voltage regulator: Compound
 Voltage: 230/400 V
 Frequency: 50 Hz
 Socket panel: Terminal box
 Tank capacity: 55 l
 Consumption at 75% of the load: 5 l/h
 Autonomy at 75% of the load: 11 h
 Length: 1960 mm
 Width: 820 mm
 Height: 1130 mm
 Dry weight: 630 kg

Are you looking for a generator with different technical characteristics? [HERE](#) you can find the full range of CUMMINS generators and other specialized brands.

Non-binding images and technical data

Technical Sheet

Phase	Single phase / Three phase
Maximum power three phase (KW)	26.4
Continuous power three phase (KW)	24
Maximum power three phase (KVA)	33
Continuous power three phase (KVA)	30
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	Terminal box
Engine	Cummins X3,3-G1
Emissions Regulations	SATGE ZERO
Engine rpm (rpm)	1500
Speed governor	Mechanical
Starting system	Electric Automatic/Manual
Number cylinders	4
Cylinders' position	In line
Cooling	Air
Alternator	Synchronous, brushless
Poles	4
Bore x stroke (mm)	91.4x127

Fuel tank capacity (L)	55
Consumption (L/h)	5 at 75 % load
Running time (h)	11 at 75% of the load
Acoustic pressure	96 dB(A)
Length (mm)	1960
Width (mm)	820
Height (mm)	1130
Dry weight (Kg)	630
Silenced	No
Super silenced	No
Brushes	No
Product type	Generator
Control unit	PowerStart 600
ATS Switch device	Optional ATS
Type of alternator	Constant Speed
Voltage regulator	Compound
Engine manufacturer	Cummins
Precision of voltage regulation	± 2,5%